UNITED STATES ASHLAND NE QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-ROSEBUD CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 20" 17'30" 13 18 17 16 15 14 21 22 19 24 OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. The 100-foot isopach is omitted where it is too close to a mining-ratio contour for map readability. Isopach interval 100 feet (30.5 m). BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot isopach. Arrows point toward area of coal 5 feet or 27 29 MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit. To convert feet to meters, multiply feet by 0.3048. To convert yds³/ton to m³/metric ton, multiply yds³/ton by 42'30" 33 31 T. 2 S. 12 17 13 18 21 22 20 23 31 32 33 35 R. 43 E. R. 44 E. Il Survey, 1966 (ASHLAND) 4775 III SE MONTANA

COAL RESOURCE OCCURRENCE MAP OF THE ASHLAND NE QUADRANGLE, ROSEBUD COUNTY, MONTANA BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

PLATE 8

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OPEN-FILE REPORT

This report has not been edited for conformity with

U.S. Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE FLOWERS-GOODALE COAL BED